



8EHQ-0903-15420 m R 269394

The Dow Chemical Company  
Midland, Michigan 48674

1803 BUILDING  
September 3, 2003

CERTIFIED MAIL--RETURN RECEIPT REQUESTED  
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CONTAINS NO CONFIDENTIAL BUSINESS INFORMATION

Document Processing Center (7407M)  
(Attn: Section 8(e) Coordinator)  
Office of Pollution Prevention Toxics  
Environmental Protection Agency  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460-0001

Contain NO CBI

Re: 7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, methyl  
ester, CASRN 41088-52-2

Dear Sir/Madam:

The following information is being submitted by The Dow Chemical Company (Dow) pursuant to current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substances Control Act. Dow has made no determination as to whether a significant risk of injury to health or the environment is actually presented by the findings.

The test substance was administered daily by oral gavage for 28 days at doses of 0, 20, 150 and 1000 mg/kg/day to groups of 5 Wistar rats/sex/dose.

Discoloration of the liver was observed in males and females at all dose levels and accentuated lobular pattern of the liver was observed in the males at both the 50 and 150 mg/kg/day dose levels. Increased liver weights were observed in both sexes at all dose levels. Single cell necrosis/apoptosis in the liver, diffuse hypertrophy hepatocytes and microvesicular vacuolation in hepatocytes were observed in males and females at all dose levels. Increased incidence and/or severity of alveolar macrophage aggregates were observed in males at the 150 and 1000 mg/kg/day dose levels.



2003 SEP 23 PM 2:27

OFFICE

Environmental Protection Agency  
September 3, 2003  
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No written report of these results is yet available.  
Questions may be directed to the undersigned.

Sincerely,

A handwritten signature in cursive script, reading "Linda C. Burgert".

Linda C. Burgert  
PH: 989-636-1011  
FAX: 989-638-9933  
E-MAIL: [lburgert@dow.com](mailto:lburgert@dow.com)

jt